

CORTRIGHT METAL ROOFING CO.

Manufacturers of

Metal Tiles, Metal Slates

Ornamental Shingles,

Roofing Sundries.

PHILADELPHIA.

CHICAGO.

Cortright Metal Roofing Co.

Main Office and Factory, 50 North 23d Street, Philadelphia.

Western Office, 134 Van Buren Street, Chicago.

The Cortright System of Metal Plate Roofing

Embraces

METAL SLATES, VICTORIA SHINGLES,

Ridge-Coping, Hip-Covering, Valley, Etc.

Made of FULL-WEIGHT PRIME CHARCOAL ROOFING TIN, COPPER or GALVANIZED STEEL

We are the exclusive owners of Patents under which all the various articles are manufactured, and no infringement of these rights will be permitted.

Specially Recommended for

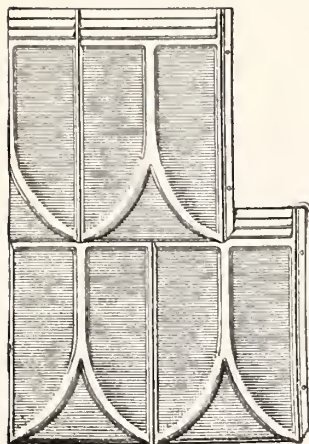
**Fine Private Residences, Public Buildings, Railroad Stations, Churches,
School Houses, Hotels, Warehouses, Mills, Etc.**

Durable. Light. Artistic. Fireproof. Stormproof.



The above illustration shows the appearance of our METAL SLATES when laid on a roof.

Cortright Metal Slates.



Group of Metal Slates, showing method of laying.

We have given the name **SLATES** to the style of covering shown here, because in the manner of laying and in the effect produced, it as nearly corresponds with slate as with anything else with which it may be compared.

Our Metal Slates have the important advantages of being laid more easily and quickly than any metal shingle or roofing in the market, and of giving better protection than any other covering, while also making a more ornamental roof, closely resembling the round-pointed slate and wood shingles now so popular.

These Metal Slates have been in use since 1887, and have made a wonderful reputation throughout the United States.



This cut shows Metal Slates in connection with Roll-Ridge Capping, Plain Hip-Covering and Valley.

The Metal Slates are made in the three following sizes:

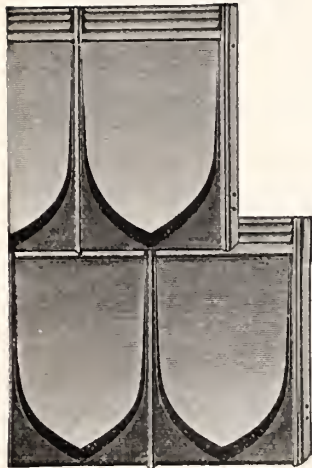
| | | |
|---------------------------|-----|---|
| 14 x 20 inches, requiring | 68 | slates to cover a square (100 square feet). |
| 10 x 14 " " | 141 | " " " " " |
| 7 x 10 " " | 297 | " " " " " |

The METAL SLATES are suitable for roofs with a pitch of three or more inches to a foot.



The above cut represents a church covered with our new ornamental VICTORIA SHINGLES.

Cortright Victoria Shingles.



Group of Victoria Shingles,
showing method of laying.

The most prominent feature of the Victoria Shingles is the *embossing*, which is very high, and distinct enough for its ornamental character to be clearly seen on any building from the ground.

They were introduced in 1892, and have been received with increasing favor by the leading architects, builders, and owners.

They are suitable for roofing all first-class structures, and especially desirable where the effect of clay tiles is wanted without great weight.

To those wishing to obtain an ornamental roof at a moderate cost, and one which is at the same time fireproof, durable, and easily put on, these shingles are particularly recommended.

The Victoria Shingles are made in the two following sizes:

10 x 14 inches, requiring 148 shingles to cover a square (100 square feet).

7 x 10 " " 319 " " " " "

The VICTORIA SHINGLES are suitable for roofs having a pitch of three or more inches to a foot.

The Valuable and Important Features of both Metal Slates and Victoria Shingles



Cut 1.—Represents side-lock, full size, showing first position in laying slate or shingle on roof.

Are the **SIDE-LOCK**, a patent expansive joint which cannot become unhooked after being laid (see cuts Nos. 1 and 2).

THE TOP AND BOTTOM WEATHER JOINT which provides perfectly against

rain, snow, and wind (see cut 3). The **raised platform** below the lowest of the three steps (or corrugations), at the top of each slate or shingle (see cut No. 3), **being level with the top of the side-lock**, allows a perfectly straight tight joint to be made across the side-lock by the straight lower edge of the slate or shingle above, instead of the very objectionable old method of other shingles which raise up over the side-lock.

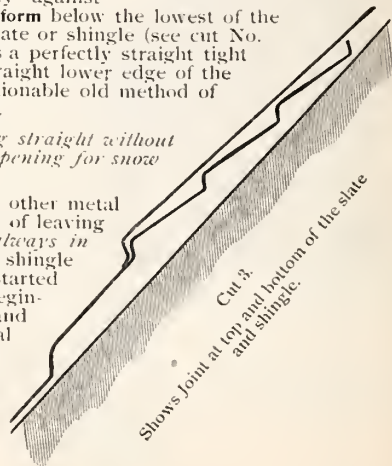
The lower edge of this slate or shingle being straight without a break in passing over the side-lock, leaves no opening for snow or rain to beat under.

They can be laid more accurately than any other metal shingles, as in locking them there is no danger of leaving them unhooked at any point, the lock being always in view, and so constructed as to throw the slate or shingle square with the preceding one. The courses, if started straight, are easily kept so. They are laid beginning at the lower left-hand corner of the roof and working to the right and upward, as in the usual method of laying roofs.

The Metal Slates and Victoria Shingles have exactly the same side-lock, and top and bottom weather joint.



Cut 2.—Represents side-lock, full size, showing slate or shingle laid in place.

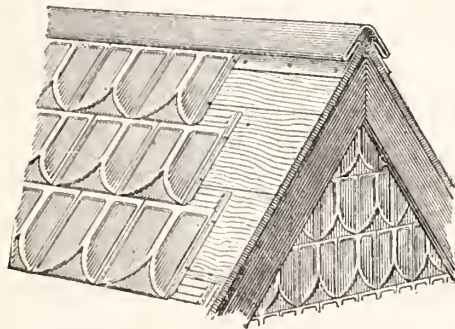


Cut 3.
Shows joint at top and bottom of the slate and shingle.

Cortright Patent Ridge-Coping.



No Nail-Heads Exposed
to the Weather.



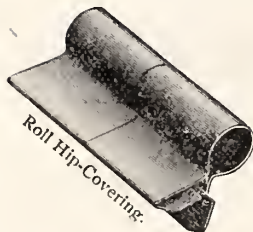
The above shows section of roof and gable covered with our Metal Slates, in connection with Patent Ridge-Coping.

Our Patent Ridge-Coping

Is made either **Plain** or with an ornamental **Roll**, from one piece of metal, folded as shown above, producing a stormproof covering, the shingles or slates being inserted into the folds *over the nailing flanges*, thus protecting the nail-heads from the weather.

Both the Roll and Plain Ridge-Coping are suitable for use with either the Metal Slates or Victoria Shingles.

Cortright Patent Hip-Covering.



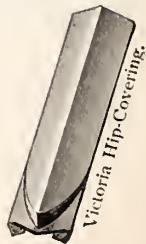
Our Patent Hip-Covering is made of one piece of metal, **Plain** or with **Roll**, and applied in such a manner as to make an absolutely stormproof covering. The Hip-Covering is laid from the top downward, the lower end having projecting pieces for nailing, over which the top end of the next piece below is inserted, thus covering and concealing the nails.



When our Metal Slates are used on roofs having hips, we advise covering the hips with either our Plain or Roll Hip-Covering.

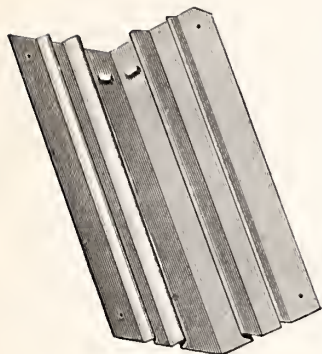
Victoria Hip-Covering.

For use with our Victoria Shingles we have a *special covering for Hips*, which is made with a *raised figure* in the centre to correspond with the embossing of the shingles. No other covering for the hips will answer the purpose so well as this; therefore it is important in ordering Victoria Shingles, to state if there are any hips in roof; if so, give the length.



The Cortright Patent Valley.

THE BEST VALLEY KNOWN.

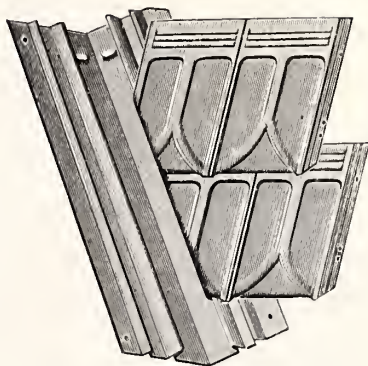


Section of Valley.

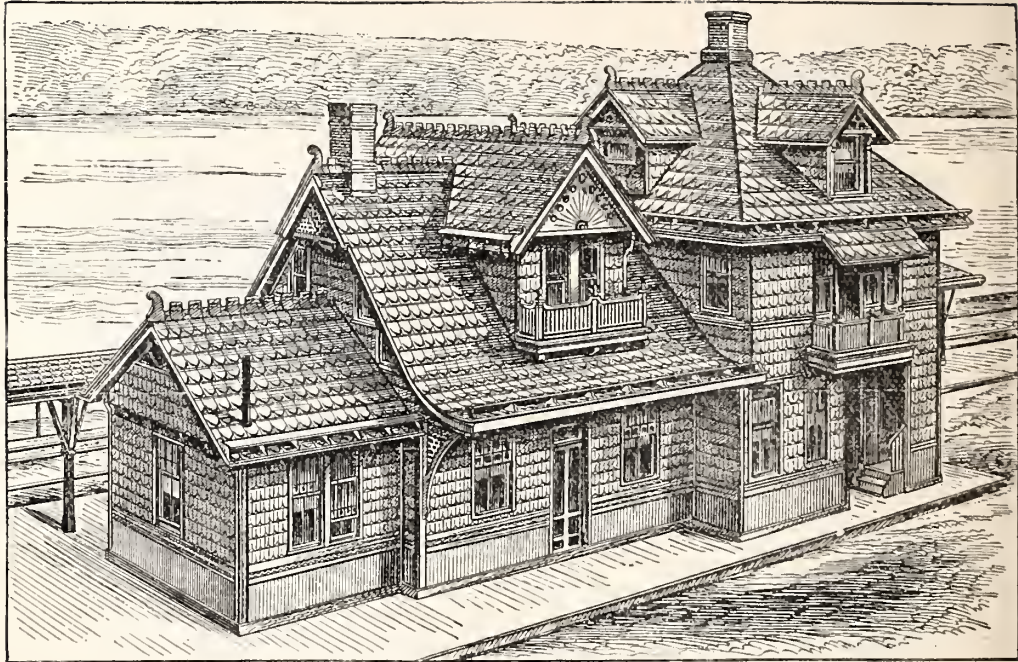
The **Cortright Patent Valley** is made so that the shingles or slates will lock over the folds, giving perfect protection against water washing up or under slates or shingles at sides of valley. The folds allow amply for expansion and contraction.

Two folds are formed on **each side** so as to give double protection against storms. The slates and shingles must be *locked over the larger fold nearest the centre of the valley*. The sections are so constructed as to slip together easily on the roof. We cannot guarantee satisfactory results at the valleys unless our patent valley is used in connection with our slates and shingles, on roofs where any valley is required.

This valley also makes a good finish for stone-slate or wooden shingles, which can be laid overlapping the flanges. The flange insures the ventilation and drying of the metal in the valley at all times.



This illustration represents section of Valley, with Metal Slates, showing how they are locked to fold of valley.



Railroad station roofed with the Victoria Shingles, and sided with Metal Slates.

A few of the railroads which are using our goods :

| | |
|---|--|
| NEW YORK CENTRAL & HUDSON RIVER R. R. Co. | NEW YORK, NEW HAVEN & HARTFORD R. R. Co. |
| PENNSYLVANIA R. R. Co. | DELAWARE, LACKAWANNA & WESTERN R. R. Co. |
| PHILADELPHIA & READING R. R. Co. | MISSOURI, KANSAS & TEXAS R. R. |

CORNER FINISH.

Our Corner Finish is formed on the same principle as the new Plain Hip-Covering, but smaller, and is used up and down the corners of buildings in connection with siding.

GABLE-END FINISH.

Gable-End Finish is recommended in using our Victoria Shingles to make a neat, stormproof finish, but it is not essential with our Metal Slates, which can be turned over berge board and nailed neatly.

SIDING.

Both the Metal Slates and Victoria Shingles are suitable for siding all buildings where a fireproof, ornamental, and durable finish is required. The small size, particularly, is especially adapted for siding gables, upper stories, and ornamental bands around buildings, and many other places in which architects introduce shingle work.

PAINTING AND PAINT.

All our goods are painted thoroughly on *both* sides, using the best quality iron paint mixed with pure linseed oil, etc.

We use only paint of *red* color, but the goods can be painted any color desirable after they are on the roof.

We can supply paint in any quantity at current market prices.

BOXING AND SHIPPING.

As roofing is calculated by the "square," which equals one hundred square feet (measuring ten feet each way), we pack our shingles and slates in *boxes containing one "square" each.*

The Ridge-Coping, Hip-Covering, Valley, etc., will be supplied in any number of lineal feet desired.

NAILS.



Steel-Wire Barbed Nails, $\frac{7}{8}$ or 1 inch, are better and cheaper than any others.

We supply them when ordered. See price-list. The **Tinned** Steel-Wire Barbed Nails cost a trifle more, but are worth the difference.

SHEATHING PAPER.

Paper is now generally used under all kinds of roofing material. While it is not necessary under our goods to make a tight roof, yet it is desirable because it will keep the building warmer in winter and cooler in summer. We can supply at lowest prices any brand or grade of paper in the market, and will furnish quotations and samples on application.

We also supply **Tinners' Snips**, etc. See price-list.

INSTRUCTIONS FOR LAYING METAL SLATES AND VICTORIA SHINGLES.

We furnish a separate circular giving full *directions for laying* both our Victoria Shingles and Metal Slates, which can be had on application, and is sent with all goods shipped.

A FEW BRIEF EXTRACTS FROM MANY TESTIMONIALS FROM ENTHUSIASTIC CUSTOMERS.

"We consider that persons wishing to cover good and permanent buildings will do well to use your roofing, etc., as the best and most suitable finish to an artistic structure."

"The tin used is of good quality, and it is noiseless and absolutely stormproof."

"Our new church is covered with your roofing; as to appearance it is universally conceded the prettiest roof in town."

"Have given us the very best satisfaction, in cost, appearance, and absence of leaks."

* * * I find your slates could be put on perfectly by inexperienced workmen."

"It is especially desirable because of the rapidity with which it can be put on."

"It is perfectly tight; also, very light."

"The saving in this roofing over slate roofing for our church is about four hundred dollars."

"The effect is beautiful, while their weather-proof qualities are simply perfect."

"The roof is both attractive and cheap * * * superior to stone-slate or any metal roofing we have ever seen."

"I expected to have trouble in laying them but did not, and any person can lay them easily."

"It is the best looking roof in the city."

"Every one admires it, and you will no doubt receive many orders from our town. Other goods from other dealers were examined, and all united in pronouncing yours the best in material, workmanship, and patent lock."

TERMS AND CONDITIONS.

Delivery - We will make quotations for goods boxed and delivered *either* free on board cars or steamers in Philadelphia, or at destination as desired.

Terms Cash—Unless otherwise agreed upon, and payable in draft at par in New York or Philadelphia, or by Post-office order, or currency may be sent by express.

References—To avoid delay, persons who are not rated in the Commercial Agencies should mention references when inquiring and ordering.

Discounts and Prices—Liberal to the trade and *subject to change without notice.*

Boxing—All our *Slates* and *Shingles* are packed in boxes, each containing (one square) enough to cover 100 square feet when laid.

If Unpainted Goods are wanted, the prices will be **25 cents per square less** for *Slates* and *Shingles*, and **1 cent per foot less** for *Ridge-Coping, Valley, etc.*

Copper Goods—All our goods can be supplied in Copper, but prices will vary with the market price of Copper at the time the order is received.

Galvanized Goods—We can supply any of our goods in *Galvanized Steel*, and quotations will be given on request.

Price-List

CORTRIGHT METAL ROOFING COMPANY'S METAL SLATES,
VICTORIA SHINGLES, AND ROOFING SUNDRIES

Manufactured Under the Company's Various Patents.

| Made of I. C. Prime Charcoal Roofing Tin. | | Painted, both sides. | Weight, per sq., h.x., about |
|--|--|----------------------------|------------------------------------|
| Metal Slates, Nominal size, 14 x 20 inches, per square, | | \$5.25 | 80 lbs. |
| " " " " 10 x 14 " " " " | | 5.50 | 83 " |
| " " " " 7 x 10 " " " " | | 6.50 | 90 " |
| Victoria Shingles, Nominal size, 10 x 14 inches, per square, | | \$6.75 | 85 lbs. |
| " " " " 7 x 10 " " " " | | 8.50 | 92 " |
| CORTRIGHT RIDGE-COPING, VALLEY, ETC. | | | |
| Ridge-Coping, Roll, I. X. tin, per linear foot, | | .12 | |
| " " Plain, I. C. " " " " | | .09 | |
| " " " " I. X. " " " " | | .11 | |
| Hip-Covering, Roll, I. X. " " " " | | .11 | |
| " " Plain, I. C. " " " " | | .07 | |
| " " " " I. X. " " " " | | .08 | |
| " " for Victoria Shingles, I. X. " " " " | | .12 | |
| Valley, size, 14 inches, I. C. " " " " | | .09 | |
| " " 14 " " " " I. X. " " " " | | .10 | |
| " " 20 " " " " I. C. " " " " | | .11 | |
| " " 20 " " " " I. X. " " " " | | .12 | |
| Corner Finish, I. C. " " " " | | .07 | |
| Gable-End Finish, I. C. " " " " | | .07 | |
| Porch Flashing, I. C. " " " " | | .07 | |
| Sheathing Paper (according to quality), per square, | | | |
| Steel-Wire Barbed Nails, $\frac{3}{8}$ and 1 inch, per lb., | | | |
| Timners' Snips, per pair, | | | |
| Best Mineral Paint, per gallon, | | | |

CORTRIGHT METAL ROOFING.

COMPARED WITH SLATE.

It affords better protection against fine driving snow as well as rain.

It is lighter, weighing but one-eighth as much, and requiring lighter framing.

It does not break or become loose from any cause.

It is constructed with patented joints, which permit each sheet to contract and expand, while still remaining weather-proof.

It does not need constant repair.

It can be successfully laid by any mechanic, and does not require an expert.

It can be taken off and re-laid on another roof without damage or waste.

It can be transported to any point without injury.

In the presence of a neighboring conflagration, it will not crack and fly off.

It is just as suitable and valuable for fireproof siding or lining of warehouses as for roofing.

It is very ornamental in design, and can be given any desired appearance by the color of the paint used.

COMPARED WITH PLAIN TIN ROOF.

It will not buckle, break seams, and cause leaks, by contraction or expansion, as there are no soldered joints to break, and each sheet is provided for contraction and expansion as stated.

It cannot be blown off.

It will not rattle.

It can be taken off and re-laid on another roof without damage or waste.

It requires no solder in laying.

It can be properly laid by any mechanic, requiring no tinner or expert.

It does not need constant repair.

It can be transported to any point without damage.

It is ornamental in design. (But not suitable for perfectly flat roofs.)

COMPARED WITH WOOD SHINGLES.

It will not warp, crack, curl up, rot, or burn.

It is fireproof; buildings covered with it can be insured at a lower rate, thus saving money every year in insurance as long as the house lasts.

It is considered lightning-proof, as buildings covered with these plates were never known to have been struck or injured by lightning.

It is more durable, and will last with proper care, as long as the building will last.

It is more ornamental.

It is more easily laid.

It will not need constant repair.



Claims for Our System of Roofing.

We make **no low-grade goods, no Iron Shingles, no Steel Shingles not Tinned.** No goods from **"Waster" Tin Plate.** All our goods are made of **Tinned Steel:** None but **prime material** used. We make goods from all the **high-grade Tinned Steel Plate,** and from **Copper or Galvanized Steel.** We make **no effort to compete in prices** with makers of **low-grade goods,** but to those who want **THE BEST** we furnish an **A 1** article, both in material used, care in making, and merit of goods, **not obtainable elsewhere** for the money—**nor at any price.**

Cortright Metal Roofing Co.

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